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DOCUMENTS CONSIDER Citation of document with indica		indication, where appropriate,	Relevant			
Category	of relevant pas	sages	to claim	APPLICATION (Int.CI.7)		
X	26 October 1999 (19	RTIN PHILIP G ET AL) 999-10-26) column 9, line 21 *	1-12	D04H3/16		
(* column 13, line !					
A	US 3 936 337 A (STA 3 February 1976 (19 * column 2, line 44	APP HANS) 976-02-03) 1-52; figures 1,2 *	1,8			
Α	US 4 172 174 A (TAM 23 October 1979 (19 * column 2, line 57 * column 9, line 50	979-10-23) 7-59 *	1,6,8,9			
A	US 5 879 776 A (NAM 9 March 1999 (1999- * column 3, line 4- *		4 1,8	TECHNICAL FIELDS		
Α	US 3 687 759 A (WER 29 August 1972 (197 * the whole documer	72-08-29)	1-12	SEARCHED (Int.CI.7)		
	US 4 351 683 A (KUS 28 September 1982 (* column 5, line 10 1,2 *		1,8			
	The present search report has	haan drawn un for all claime				
	Place of search	Date of completion of the search		Examiner		
	MUNICH	28 November 200	1 Four	lger, C		
CA X : partic Y : partic docu	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anot ment of the same category notogical background -written disclosure	T : theory or princ E : earlier patent after the filing b : document cite L : document cite	ciple underlying the indocument, but publis date in the application d for other reasons	nvention		

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28-11-2001

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5972463	Α	26-10-1999	AU AU	704040 5542596		15-04-1999 11-12-1996
			BR	9609225		15-06-1999
			CA	2219237		28-11-1996
4			CN	1185816		24-06-1998
			EP	0828871		18-03-1998
			ĴΡ	11505892		25-05-1999
•			WO	9637644	A2	28-11-1996
•			US	6080482	Α	27-06-2000
			US	5811186	Α	22-09-1998
US 3936337	 А	03-02-1976	DE	2362856	A1	26-06-1975
	÷ •		GB	1474047		18-05-1977
			FR	2254968	A7	11-07-1975
 US 4172174	Α	23-10-1979	JP	1408319		27-10-1987
 .	•		JP	54137546		25-10-1979
		,	JP			21-04-1987
			JP		_	07-04-1987
			JP	53135775	A	27-11-1978
			JP			21-08-1986
			JP		A	04-04-1979
			JP			29-01-1982
i i			JP		A	04-04-1979
¥			JP	56022982		28-05-1981
•			AR ·	222473		29-05-1981 10-09-1980
			AT	358388 309478		15-01-1980
			AT AU	543617		26-04-1985
			AU	3554278	A	01-11-1979
		•	BR	7805880		02-05-1979
			CA	1079943		24-06-1980
	,		CH	627802		29-01-1982
4.			DE	2819080		09-11-1978
			FR	2388913		24-11-1978
			GB	1602159		11-11-1981
•			IT	1156716		04-02-1987
			SE	438663		29-04-1985
			SE	7804635		16-05-1978
 US 5879776	A	09-03-1999	 ЈР	2684002	B2	03-12-1997
00 30/3//0	^	05 00 1555	JΡ	7039509		10-02-1995
			CA	2127149		28-01-1995
			CN	1109727		11-10-1995
			DE	69424603		29-06-2000
			DE	69424603		15-02-2001

This annex lists the patent family members relating to the patent documents cited in the above–mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

28-11-2001

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5879776	Α		EP	0636331	A2	01-02-1995
03 30/3//0	^		KR	9707675	B1	15-05-1997
			KR	9704520	ŸĪ	13-05-1997
			SG	54234	A1	16-11-1998
			US	5720838	Α	24-02-1998
			US	5624740	Α	29-04-1997
us 3687759	A	29-08-1972	DE	1778026		15-07-1971
1	• •		US	3852152		03-12-1974
-			ΑT	308997	В	15-06-1973
er Li			BE	727924	Α	16-07-1969
			CA	919881	A1	30-01-1973
			CH	474983	Α	15-07-1969
*			DK	120175	В	19-04-1971
		•	ES	176311	Y	01-04-1973
			ES	363374	A1	16-12-1971
			FR	2004358	A5	21-11-1969
			GB		A	10-03-1971
			JP	50008382	В	03-04-1975
			LU	58204	A1	11-07-1969
			NL	6904105	A	23-09-1969
·			SE .	362056 		26-11-1973
US 4351683	Α	28-09-1982	DE	1922460	A1	12-11-1970
			US	3837988	A	24-09-1974
			FR	1586539	A	20-02-1970
			GB	1247373		22-09-1971
			MY	14388	Α	31-12-1988